

Title (en)  
ORGANIC ELECTROLUMINESCENCE APPARATUS

Title (de)  
ORGANISCHE ELEKTROLUMINESZENTE VORRICHTUNG

Title (fr)  
DISPOSITIF D'ELECTROLUMINESCENCE ORGANIQUE

Publication  
**EP 0823831 A1 19980211 (EN)**

Application  
**EP 96910204 A 19960419**

Priority

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- JP 9909295 A 19950425
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- JP 20880195 A 19950816

Abstract (en)

An organic electroluminescent body is formed by a transparent electrode formed on the front surface of an organic luminescent layer, which emits light when a voltage is applied thereto, and a metal electrode formed on the back surface of the organic luminescent layer. An organic electroluminescent device including the organic electroluminescent body is structured to include a transparent electrode formed on the back surface of a transparent substrate, and a diffusing plate having light diffusion characteristics formed on the front surface of the transparent substrate. Since the diffusing plate is formed on the front surface of the transparent substrate, part of an external incident light is reflected diffusely by the front side of or within the diffusing plate, and the rest of the light travels through the diffusing plate when the organic electroluminescent body does not emit the light (when light is not emitted). The light traveling through the diffusing plate is reflected by the metal electrode, and enters the diffusing plate again, then it is diffused. As a result, a mirror of the metal electrode is not visually perceived from outside. <IMAGE>

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**H05B 33/22**

IPC 8 full level  
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Cited by  
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